IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY, AND ELECTION OF ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

Under 37 CFR § 3.73(b), SYMYX TECHNOLOGIES, INC., a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications identified on the attached Schedule A by virtue of assignments from the inventors of the respective patent applications, as recorded in the U.S. Patent and Trademark Office at the Reel and Frame numbers shown in Schedule A.

The undersigned has reviewed all the documents in the chain of title of the patent applications identified in Schedule A and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints the practitioners associated with:

PTO Customer No.:

26208

as its attorneys to prosecute the above-identified patent application and to transact all business in the United States Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 et seq. of the Patent and Trademark Office Rules of Practice.

All correspondence regarding the application should be sent to:

PTO Customer Number:

26208

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 2/15/08

Rex S. Jackson

Title: EVP, CFO of Symyx Technologies, Inc.

Fish & Richardson P.C. PTO CUSTOMER NO. 26208 Telephone: (650) 839-5070 Facsimile: (650) 839-5071

Schedule A

Appl. No.	Appl. Date	Title	Reel	Frame	Recordation Date
11/704,075	2/8/2007	Remote Execution of Materials Library Designs	013803	0113	3/4/2003
11/325,267	1/3/2006	Combinatorial Parameter Space Experiment	012269	0284	10/15/2001
		Laboratory Database System and Methods For			
11/496,940	7/31/2006	Combinatorial Materials Research	011910	0264	6/13/2001
		Methods and Apparatus for Preparing High-			
11/348,873	2/6/2006	Dimensional Combinatorial Experiments	013328	0852	9/26/2002
10/061,960	2/1/2002	Graphical Design of Chemical Discovery	012974	0856	6/6/2002
		User-Configurable Generic Experiment Class For			
11/799,380	4/30/2007	CombinatorialMaterial Research	013882	0879	3/27/2003
11/016,145	12/16/2004	Indexing Scheme for Formulation Workflows	015063	0116	8/16/2004
11/342,088	1/27/2006	Parser For Generating Structured Data	016187	0851	5/3/2005
		Systems, Methods and Computer Program			
11/780,299	7/19/2007	Products for Determining Parameters for	012550	0542	1/29/2002
11/503,725	8/14/2006	Event-Based Library Process Design	018217	0590	9/7/2006
11/732,408	4/2/2007	Graphic Design of Combinatorial Material	010569	0803	2/24/2000
					10/6/1999 and
		Graphic Design of Combinatorial Material	010295 and	0712 and	10/12/1999 (name
09/174,856	10/19/1998	Libraries	010294	0510	change)